

Table A-4. Design effects (DEFF) and root design effects (DEFT) for selected National Education Longitudinal Study samples: 1988, 1990, and 1992

Subsample characteristic	Base year, 1988		First Follow-up, 1990		Second Follow-up, 1992	
	Mean DEFF	Mean DEFT	Mean DEFF	Mean DEFT	Mean DEFF	Mean DEFT
All students	2.54	1.56	3.802	1.912	3.668	1.881
Dropouts	†	†	4.705	1.997	2.919	1.686
Sex						
Male	1.98	1.39	3.456	1.817	3.094	1.729
Female	1.93	1.38	3.324	1.783	3.238	1.785
Race/ethnicity						
White and other	2.25	1.48	3.101	1.729	3.084	1.737
Black	1.65	1.27	3.804	1.867	2.938	1.654
Hispanic	2.06	1.41	2.643	1.591	2.772	1.626
Asian/Pacific Islander	2.00	1.40	2.758	1.609	2.511	1.562
American Indian/Alaska Native	—	—	2.066	1.362	3.292	1.687
Socioeconomic status composite (SES) ¹						
Low	1.58	1.25	2.797	1.644	2.931	1.680
Middle	1.66	1.28	3.138	1.732	2.516	1.569
High	1.84	1.34	3.576	1.817	3.849	1.921
High school type						
Public	2.27	1.48	3.147	1.736	3.116	1.733
Catholic	2.70	1.59	2.619	1.513	2.545	1.564
Other private	8.80	1.83	6.529	2.391	6.049	2.334
Community type						
Urban	—	—	3.463	1.842	3.742	1.897
Suburban	—	—	3.412	1.788	2.998	1.705
Rural	—	—	2.634	1.571	3.311	1.687

—Not available.

†Not applicable.

¹The SES index is a composite of five equally weighted measures: father's education, mother's education, family income, father's occupation, and mother's occupation.

SOURCE: U.S. Department of Education, National Center for Education Statistics, The National Longitudinal Study of 1988 (NELS:88), "Base Year, Student Survey, 1988," "First Follow-up, Student Survey 1990," and "Second Follow-up, Student Survey, 1992."